

Coast Guard, DHS

§ 160.077-5

BE WORN” must be worn whenever the vessel is underway and the intended wearer is not within an enclosed space.

(b) If hybrid PFD’s with the marking “REQUIRED TO BE WORN” are not worn under the conditions stated in paragraph (a) of this section, other approved PFD’s will have to be provided to comply with the applicable carriage requirements in 33 CFR part 175 and subpart 25.25 of this chapter.

(c) The following PFD’s must be marked “REQUIRED TO BE WORN” as specified in § 160.077-31:

(1) Each Type V recreational hybrid PFD.

(2) Each Type V commercial hybrid PFD.

[CGD 78-174, 50 FR 33928, Aug. 22, 1985. Redesignated and amended by CGD 78-174, 60 FR 2486, Jan. 9, 1995]

§ 160.077-4 Type.

(a) A hybrid PFD that successfully passes all applicable tests may be approved as a Type I, II, III, or V for various size ranges of persons weighing over 23 kg (50 lb), as Type I or II for persons weighing 14-23 kg (30-50 lb) or as Type I or II for other sizes. A Type V PFD has limitations on its approval.

(b) The approval tests in this subpart require each Type V hybrid PFD to have at least the same performance as a Type I, II, or III PFD for adult and youth sizes or Type I or II PFD for child sizes.

(c) A hybrid PFD may be approved for use on recreational boats, commercial vessels or both if the applicable requirements are met.

[CGD 78-174, 60 FR 2486, Jan. 9, 1995]

§ 160.077-5 Incorporation by reference.

(a) Certain material is incorporated by reference into this part with the approval of the Director of the FEDERAL REGISTER in accordance with 5 U.S.C. 552(a). To enforce any edition other than that specified in paragraph (b) of this section, the Coast Guard must publish a notice of change in the FEDERAL REGISTER and make the material available to the public. All approved material is on file at the Coast Guard Headquarters. Contact Commandant (CG-ENG), Attn: Office of Design and Engineering Systems, U.S. Coast Guard

Stop 7509, 2703 Martin Luther King Jr. Avenue, SE., Washington, DC 20593-7509. You may also contact the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html. All material is available from the sources listed below.

(b) ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959, 877-909-2786, <http://www.astm.org>.

(1) ASTM B 117-97, Standard Practice for Operating Salt Spray (Fog) Apparatus, into § 160.077-11.

(2) ASTM D 751-95, Standard Test Methods for Coated Fabrics, incorporation by reference approved for § 160.077-19.

(3) ASTM D1434-82 (Reapproved 2009)ε¹, Standard Test Method for Determining Gas Permeability Characteristics of Plastic Film and Sheeting (approved May 1, 2009), incorporation by reference approved for § 160.077-19.

(c) DLA Document Services, 700 Robbins Avenue, Building 4/D, Philadelphia, PA 19111-5094, 215-697-6396, <http://assistdocs.com>.

(1) In Federal Test Method Standard No. 191 the following test methods:

(i) Method 5100, Strength and Elongation, Breaking of Woven Cloth; Grab Method.

(ii) Method 5132, Strength of Cloth, Tearing; Falling-Pendulum Method.

(iii) Method 5134, Strength of Cloth, Tearing; Tongue Method.

(iv) Method 5804.1, Weathering Resistance of Cloth; Accelerated Weathering Method.

(v) Method 5762, Mildew Resistance of Textile Materials; Soil Burial Method.

(2) Federal Standard No. 751, Stitches, Seams, and Stitching.

(3) MIL-L-24611(SH), Life Preserver Support Package for Life Preserver, MK 4.

(d) National Institute of Standards and Technology (NIST) (formerly National Bureau of Standards), 100 Bureau Drive, Stop 1070, Gaithersburg, MD 20899-1070, 301-975-6478, <http://www.nist.gov>.

(1) “The Universal Color Language” and “The Color Names Dictionary” in